

THE NEW LEVEL OF VERSATILITY

PREMIO ALEGRA

the four gradient multilayer premium zirconia

PREMIO Alegra is the multifunctional, multidimensional zirconium dioxide that perfectly covers all indications for monolithic dentures. It combines outstanding aesthetics with maximum stability thanks to the four gradients that characterize this innovative material.

Product description

With PREMIO Alegra **PRO** and **SMILE** zirconium dioxide, even the most demanding patient cases can be solved in an esthetically extremely pleasing, very safe and reliably biocompatible manner.

The four integrated gradients - color, translucency, flexural strength and fracture toughness - create an ideal combination of very good light-optical and mechanical properties. In this way, this innovative material becomes a "game changer" in the laboratory and dental practice.

The most harmonious combination of aesthetics and stability - PREMIO Alegra

THE PREMIUM ZIRCONIA FOR ALL CASES





PREMIO Alegria PRO - all indications - no limits

The multi-color layering and the continuously increasing translucency of the material are responsible for the aesthetic qualities of the PREMIO Alegria PRO zirconia blanks.

- In detail: the multicolor gradient creates a natural, harmonious color gradient of the fully anatomical zirconium restoration from cervical to incisal.
- The translucency of the PREMIO Alegria PRO disc increases continuously from 43% in the tooth neck area to almost 47% in the incisal area. Thus, these two gradients offer the best conditions for a high aesthetic effect.

But aesthetics alone are not enough to be universally applicable as an innovative, monolithic material. In order to meet the claim of "a zirconia for all cases", flexural strength and fracture toughness must also be right. And both values are remarkable in PREMIO Alegria PRO.

- The flexural strength has a value of 1300 MPa cervically, which gradually reduces to 1027 MPa towards the incisal. Between 1200 and 1100 MPa are still available in the connector area.
- The fracture toughness of PREMIO Alegria PRO is $> 3.5 \text{ MPa} \cdot \sqrt{\text{m}}$ in the tooth neck area and increases to $> 5 \text{ MPa} \cdot \sqrt{\text{m}}$ towards the incisal edge. This means that all stability requirements can be met without any problems, even for the most extensive dental zirconium work.

PREMIO Alegria SMILE - uncompromising natural aesthetics

If you want something more aesthetic, then PREMIO Alegria SMILE is the material of choice. With this premium material, which does not need to shy away from comparison with lithium disilicate ceramics, two of the four Alegria gradients have been optimized even further in terms aesthetics.

With a translucency of 47% cervical to almost 49% in the incisal area and a flexural strength of at least 1000 MPa in the tooth neck area, between 900 MPa and 800 MPa in the connector area and 727 MPa in the incisal area, PREMIO Alegria SMILE can be used for single crowns and up to four-unit bridges of incomparable beauty.

**MORE AESTHETICS
MORE STABILITY
MORE VERSATILITY**



PRO

PREMIO

ALEGRA





painted and glazed

Fields of application

Fabrication of all-ceramic crowns and bridges of any span, fully anatomical, reduced or as a framework for bonding, in the anterior and posterior region with a maximum of two pontics using dental CAD/CAM milling technology.





glazed




Sintered only



THE NEXT GENERATION OF FULL- CERAMICS



Detail sintered only



Detail glazed

Fields of application

Fabrication of all-ceramic single crowns and bridges up to a maximum of four units, fully anatomical, reduced or as a framework for veneering, in the anterior and posterior region with a maximum of two pontics using dental CAD/CAM milling technology.



smile

PREMIO

ALEGRA



SIMPLE AESTHETIC SIMPLE STABLE SIMPLE ALEGRA

Pro's

- four gradients Premium Zirconia
- all indications - no limits
- homogeneous multilayer color gradient
- smoothly increasing degree of translucency up
- to 49% strength increase up to 1300 MPa
- fracture toughness up to $> 5 \text{ MPa} \cdot \sqrt{\text{m}}$
- outstanding light-optical properties reliably
- reproducible color reproduction translucency
- completely without gray or green tinge
- Very smooth surfaces
- Precisely matched to the Vita color system all
- Vita colors plus Bleach 1 and 2
- very good milling properties
- easiest handling
- reduced stock keeping
- for all common milling machines (98.5 and 95mm)



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